

ABSTRACT OF THE DISCLOSURE

An electric power steering apparatus for applying an assisting steering force to a steering mechanism of a vehicle by driving an electric motor according to a

5. steering operation includes: an electric current command value calculation unit which calculates an electric current command value; a drive control unit which controls the drive of the electric motor based on the electric current command value; and a convergence control unit

10. which determines a damping compensation value so that a quantity of steering operation is converged to a neutral point. The convergence control unit includes: a compensation electric current setting unit which determines a basic damping compensation electric current value

15. corresponding to the correction value of the target value, and a compensation electric current adjusting unit which adjusts the basic damping compensation electric current value based on the steering torque and the quantity of the steering operation, thereby calculating the damping

20. compensation value.